



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:** Boot et al.

**Serial No.:** 10/046,671

**Filed:** January 14, 2002

**For:** MOSAIC INFECTIOUS BURSAL  
DISEASE VIRUS VACCINES

**Confirmation No.:** 9315

**Examiner:** B. Peng

**Group Art Unit:** 1648

**Attorney Docket No.:** 2183-5238US

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EV669815151US

Date of Deposit with USPS: May 30, 2006

Person making Deposit: Timothy Palfreyman

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
WO 01/04319 A1	01-18-2001	Stichting Dienst Landbouwkundig Onderzoek

06/02/2006 MAHME1 00000070 201469 10046671  
01 FC:1806 180.00 DA

Other Documents

PCT International Search Report, PCT/NL00/00493 dated October 30, 2000.

LIM et al., Adaptation of Very Virulent Infectious Bursal Disease Virus to Chicken Embryonic Fibroblasts by Site-Directed Mutagenesis of Residues 279 and 284 of Viral Coat Protein VP2, Journal of Virology, Apr. 1999, pp. 2854-62, Vol. 73, No. 4.

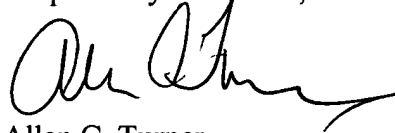
MULLER et al., Biosynthesis of Virus-Specific Proteins in Cells Infected with Infectious Bursal Disease Virus and Their Significance as Structural Elements for Infectious Virus and Incomplete Particles, Journal of Virology, October 1982, pp. 384-92, Vol. 44, No. 1.

MUNDT, Tissue culture infectivity of different strains of infectious bursal disease virus is determined by distinct amino acids in VP2, Journal of General Virology, 1999, pp. 2067-76, Vol. 80.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) is authorized on the enclosed Fee Transmittal.

Respectfully submitted,



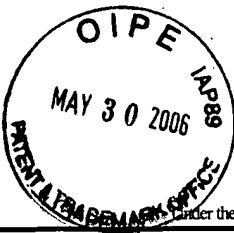
Allen C. Turner  
Registration No. 33,041  
Attorney for Applicant(s)  
TRASKBRITT, P.C.  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: May 30, 2006  
ACT/bv

Enclosures: Form PTO/SB/08  
Cited Foreign and Non-Patent Documents  
Fee Transmittal

Document in ProLaw

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B(10-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/046,671
Filing Date	January 14, 2002
First Named Inventor	Boot et al.
Group Art Unit	1648
Examiner Name	B. Peng
Attorney Docket Number	2183-5238US

**NON PATENT LITERATURE DOCUMENTS**

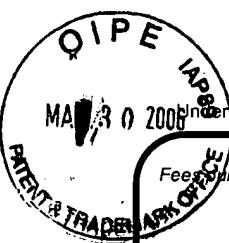
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PCT International Search Report, PCT/NL00/00493 dated October 30, 2000.	
		LIM et al., Adaptation of Very Virulent Infectious Bursal Disease Virus to Chicken Embryonic Fibroblasts by Site-Directed Mutagenesis of Residues 279 and 284 of Viral Coat Protein VP2, Journal of Virology, Apr. 1999, pp. 2854-62, Vol. 73, No. 4.	
		MULLER et al., Biosynthesis of Virus-Specific Proteins in Cells Infected with Infectious Bursal Disease Virus and Their Significance as Structural Elements for Infectious Virus and Incomplete Particles, Journal of Virology, October 1982, pp. 384-92, Vol. 44, No. 1.	
		MUNDT, Tissue culture infectivity of different strains of infectious bursal disease virus is determined by distinct amino acids in VP2, Journal of General Virology, 1999, pp. 2067-76, Vol. 80.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL for FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$) 180.00

### Complete if Known

Application Number	10/046,671
Filing Date	1/14/2002
First Named Inventor	Boot et al.
Examiner Name	B. Peng
Art Unit	1648
Attorney Docket No.	2183-5238US

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 20-1469 Deposit Account Name: TraskBritt, PC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
Under 37 CFR 1.16 and 1.17

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

##### Small Entity

Fee (\$)

50 25

200 100

360 180

##### Total Claims

##### Extra Claims

##### Fee(\$)

##### Fee Paid (\$)

\_\_\_\_\_ -20 or HP= \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

##### Indep. Claims

##### Extra Claims

##### Fee(\$)

##### Fee Paid (\$)

\_\_\_\_\_ - 3 or HP= \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Supplemental Information Disclosure Statement

##### Fees Paid (\$)

180.00

### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	33,041	Telephone	801-532-1922
Name (Print/Type)	Allen C. Turner	Date	May 30, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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